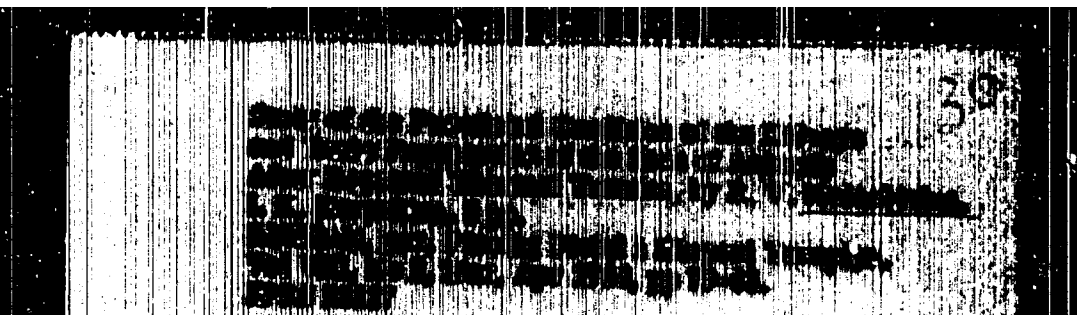




TRI-62-46

~~Secretariat~~

Ionic-Sound Excitation in the Positive Column of a
Gaseous Discharge, by A. B. Mikhaylov.

RUSKIAN, rpt, Vozbuzhdeniye Zvukov v
Ploshchitel'nom Stolbe Gazovogo Razryada.

*JPRS for ABC

Sci

Oct 61

Investigation of Striations in Argon, by A. V.
Kedobasov, G. I. Pankova, V. P. Konakh,
5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 1,
1960, pp 125-128.

AIP
Sov Phys - Tech Phys
Vol. V, No 1

Sci
Aug 60

126.149

Velocity of Striations in Inert Gases, by A. V.
Kedozhasov, 12 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol. XXIX, No. 12,
1959, pp 1338-1339

Amer Inst of Phys
Sov Phys-Tech Phys
Vol. IV, No. 11

Sci

Jun 60

100, 713

On the Problem of Striations in the Inert Gases, by
A. V. Nedospasov, ⁵ PF.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1,
1958, pp 173-177.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol XII, No 1

Sci - Phys

Sep 58

74, 624

Theory of the Low Voltage Arc Region, by A. V.
Medvedev, 7 pp.

RUSSIAN, per, Zhur Tekh. Fiz., Vol XXVI, No 6,
Jun 1956, pp 1202-1207.

Univ Inst of Phys
Soviet Phys, Tech Phys
Vol I, No 6

49,832

Sci - Phys
Jul 57

The Speed of Propagation of the Ionization Front
in Breakdown in Long Discharge Tubes, by A. V.
Nedospasov, A. S. Novik, 7 pp

RUSSIAN, per, Zhur Tekh Fiz, Vol XXV, No 11,
1960, pp 1329-1336

AIF
Sov Phys - Tech Phys
Vol V, No 11

May 61

152, 345

(SF-1850)

Three Meetings With Missile Men, by
A. Radosugov, 3 pp.

HUBSEAN, np, Krasnaya Zvezda, 10 Dec 1961,
p 2.

JPRS 12211

USSR

Mil

Mar 62

187,650

(SF-1850)

Missile Men Move Into the Field, by A. Nedosugov,
4 pp. OFFICIAL USE ONLY

RUSSIAN, por, Krasnaya Zvezda, No 94, 20 Apr 1961,
p. 3.

JPRS 4781

USSR

161,477

Mil

Aug 61.

(DC-2800/16)

New Conditions, New Tasks, by A. Medosugov, I.
Fedoseyev, 6 pp.

RUSSIAN, np, Krasnaya Zvezda, 29 Jan 1960, p 2.

JPRS 3706

USSR

Military

20 Apr 60

Reports on Conferences of the Secretaries of
Basic Party Organizations of the Volga and Mou-
cov Military Okrugs. Ideological Conviction
Is the Force of Communism, by Vikhrenko. The
Aktiv Is the Force of the Party Organization,
by Medvedev, Pardozyev.

RUSSIAN, mp, Krasnaya Zvezda, 7, 8 Aug 1959.

FBIS Daily Report

USSR
Pol.

Aug 59

96,005

Two Conditions, New Tasks, by A. Malin, I.
Tolstoyev, 6 pp.

RUSSELL, W., Krasnaya Zvezda, 23 Jan 1960, p. 1.

JRS 3706

USSR

Military

20 Apr 60

124,505

Engineers in Training Exercises, by A. Nedosvlov,
M. Bragin, 4 pp, (ID 2032099).

RUSSIAN, mp, Krasnaya Zvezda, No 223, 25 Sep
1956, p 2.

ACB, I, 0-1685

49,001

USER
Military
~~Nov 56-015~~
Jan 57 075

A Drive for Welding Apparatus, by M. D. Litvinchuk,
A. Ya. Melnikova, 4 pp.

KURSIAN, per, Avtomat Svarka, No 12, 1961,
pp 73-80.

BMRA

Sci

Nov 62

216,306

Residual Welding Stresses Investigated by
Means of Photoelastic Transducers, by A. A.
Kosminov, A. Ya. Beloshchikova, 7 pp.

RUSSIAN, per, Avtomat Svarka, No 1, 1968,
pp 37-45.

DATA

Sci

Nov 68

216,495

56
Electronics, Monitoring, and the Reliability of
Automobile Maintenance Records, by J. I. Hadowar,
121 pp.
MONTAG, INC., ROUTE 1, BOX 100, BIRMINGHAM, ALA.
1964, pp. 275-287
JUN 1965

LIB 101
FBI 101/81
Sept 65

(25, 317)

Gamma-radiation from $Zn^{152,154}$ by B. S.
Dzhelepov, N. N. Zhukovskiy, V. G. Nedovesov,
G. M. Shchukin, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII
No 7, 1957, pp 966-972.

Columbia Tech

Sci - Physics

Oct 52

75,373

Alpha-Spectrum of U^{233} , by B. S. Dzhelepov, R. B. Ivanov, V. G. Nedovesov, B. P. Shishin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII, No 7, 1959, pp 788-791.

Columbia Tech

Sci

Oct 60

129,330

Magnetic Alpha-Spectrometer, by B. S. Dzhelepov,
R. B. Ivanov, V. G. Medvedev, V. G. Chumlin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 7, 1959, pp 782-787.

Columbia Tech

Sci

Oct 60

129,329

Gamma-Ray Spectrum of Sb^{124} , by B. S. Dezhnevov,
R. M. Zhukovskiy, V. G. Nedovessov, I. F.
Uchevatkin, V. G. Chumina, 7 pp.

RUSSIAN, no par, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 8, 1956, pp 925-932.

Columbia Tech

Sci. Phys

53273

Sep 57

Gamma-Radiation From Bi^{152} and Bi^{154} , by B. S.
Dzhalelov, N. N. Zhelezni, V. G. Nedovssov, 3 pp.

RUSSIAN, bino por, Is Ak Nauk SSSR, Ser Fiz,
Vol XIX, No 3, 1955, pp 196-199.

Columbia Tech Tr

Sat - Physics
Apr 57 CMB

45, 671

On the Heat Radiation of Carbon Dioxide Gas in
in the Atmosphere, by K. Ya. Kondrat'yev
and L. I. Nedovessova, 4 pp.

RUSSIAN, per, Iz Ak: Nauk SSSR, Ser Geofiz
No 12, 1958, pp 1470-1476.

Amer Geophys Union

Sci

Feb 60

106,677

Low Voltage Arc Region in Inert Gases, by A. B.
Nedapaz, K. E. Torgomzko, 12 pp.

RUSSIAN, *Radiofizika i Elektronika*, Vol II, No 4,
1957, pp 494-501.

Pergamon Inst

Sci & Electronics
Nov 58

76,181

The Structure of the Lipoprotein of the Gray
Matter of Animal Brains, by S. V. Nedavetskiy
and S. N. Kuz'mina, 3 (7).

RUSSIAN, par, Biokhim, Vol XIV, No 2, 1960,
pp 251-254

CS

Sci

Nov 60

/ 32, 450

Investigation of Alloys in the Niobium-
Aluminum System, by N. A. Medunov, V. I.
Nabezova.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metal i Toplivo, No 4, 1961, pp 66-70.

H. Cygielski, B. Sc., No 6/4/61
115, Brent Lane
Dartford, Kent - England

Sci - Chem, Min/Metal

Nov 61

174 243

Certain Data on the Binary Systems Titanium-
Boron-Chromium, by T. F. Podinov, N. A. Medvedev,
6 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya, No 6,
12(12), 1962, pp 42-43.

CB

Sci
May 64

239, 269

Alloys in the Titanium-Chromium-Boron System, by
N. V. Cherkashina, N. A. Nedumov, P. I. Shamray,
3pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 9,
1960, pp 2025-2031.

Cleaver-Hume Press

165,231

Sci
Aug 61

High-Temperature Non-Contact Thermography, by
N. A. Nedumov, 5 pp.

RUSSIAN, per, Zhur Fiz. Khim, Vol XXXIV, No 1,
1960, pp 184-191.

Cleaver-Hume Press

Sci

Sep 60

127,620

Phase Diagram of the Chromium-Tantalum System,
by A. T. Grigor'ev, V. V. Kuprina, N. A.
Nikulov, 1 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV , No 3,
1959, pp 551-554.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106558

Investigation of Emulsification Brought On
by Sonic and Ultrasonic Oscillations, by
S. A. Neduzhiy, 15 pp.

RUSSIAN, per, Akust Zhur, Vol. VII, No 3,
1961, pp 275-294.

AIP #
Sov Phys - Acoustics
Vol VII, No 3,

Sci.

195,660

May 62

Some Features of Emulsion Formation by Ultrasonics,
by S. A. Neduzhii, 5 pp.

RUSSIAN, per; Kolloidnyy Zhur, Vol XXIII, No 4,
1961, pp 448-453.

CB

Sci
12 Jan 62

199,004

(NY-5092)

Determination of the Location of Cable Sheathing
Leaks by Means of Radioactive Gases, by ~~for~~
T. V. Abramova, V. A. Gistulov, S. A. Medunshiy,
4 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1955.

JPBS 7073

166,158

Sci

Sep 61

Synthesis of Aminoalkylphosphonic Acids. The reaction
of Some Heterocyclic Ketones with Dialkylphosphites
and Ammonia, by T. Ya. Medved, M.O. Kabachnik,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1957, pp 1357-1362

Consultants Bureau

Sci - Chem

May 59

87,000

Summary of Susceptibility Studies
Cocci-like Strains, by V. Medvedev
7 pp. OFFICIAL USE ONLY

RECEIVED, per, Rozhdestvo v Tobolsk
Kremenchuk Filial, Vol 222, No 5.
1981, No 397-402.

1981-1982

Sgt. - Med
Dns Gl.

172, 1981

Hygienic Characteristics of Child Nutrition in
Kindergartens of the Town of Frunze, by N. A.
Bedrija, 7 pp.

RUSSIAN, PER, Sovet Zdravookhraneniye Kirgiz,
No 3, May-Jun 1964, pp 20-24.

JPRS: 27402

USSR
Sec
Jan 65

271,658

Reactions of Cold-liquid Amalgams with Gases. I.
Reactions of Alkali and Alkaline Earth Amalgams with
Carbon Dioxide, by Hans Helm, Erich Fitzer, Hubert
Nedwed, 39 pp.

Full translation.

GERMAN, per, Z. anorg. Chem., Vol CCLXXIV, Dec 1953,
pp. 311-315.

297-

S.L.A.

Scientific - Chemistry

26,016

Jul 55

On the Numerical Solution of One Class of
Nonlinear Integral Equations of the Dispersion
Type, by I. Nedjalkov, G. Panchov.

97
BULGARIAN, Ser, Bulgarska Akademiya Na
Naukite, Fizicheski Institut, ~~Trakhtova~~ ~~Trakhtova~~
~~Trakhtova~~ Institut ~~Trakhtova~~, Vol XII, No. 2,
1964, pp 148-151.
*FTB NT 23-911-67

Sci-Auth
Jim 67

I Nedjalkov

The Analytic Continuation of Gravitational Anomalies,
by I. P. Melnyakov, P. Kh. Byrnov, 8 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Seriya Geofiz, No 6,
1963, pp 922-935.

-GB

AG 4

Sci. "
Nov 63

241, 823

Investigations of Variations in Cosmic Ray
Intensity in Stratosphere, by V. A. Basmalovskiy,
B. S. Nedvedskiy, Yu. G. Gerasimov, 5740

RUSSIAN, "Trudy Yakutskogo Filiala, Ser Fiz, No 3,
1960.

HAER F-67

Bcl

Aug 61

161,894

Nedzvetzkiy, G. V.
FLASH BUTT WELDING OF DIFFERENT METALS
(Stykovaya Svarka (Plavleniyem Raznorodnykh
Metallov). Jan 61 [7] p. RTS 1641.
Order from LC or SLA m/\$1.80, ph/\$1.80 61-15738

Trans. of Avtogennyye Delo (USSR) 1952 [v. 23] no. 1,
p. 14-16.

(Machinery--Manufacturing. TT, v. 5, no. 9)

61-15738

- I. Metals--Welding
2. Title: Butt welding
3. Title: Flash butt welding
- I. Nedzvetzkiy, G. V.
- II. RTS-1641
- III. Department of Scientific
and Industrial Research
(Gr. Brit.)

Office of Technical Services

The Development of Science Requires Constant
Attention to Training Scientists and Instructors,
by B. L. Davydov, A. V. Medvedevskiy. 5 pp.

RUSSIAN, per, Vest Vysshoy Shkoly. No 1, 1960.

Internatl Arts & Sci Educ
Sov Education
Vol II, No 7

USSR

Soc

Aug 60

122,747

Sterols of Hen Eggs. 7-(α)-Hydroxycholesterol and
its Content in Eggs with Relation to the Time of
incubation, by S. V. Nedzvestskiy, T. B. Lyelup,
3 p.

RUSSIAN, per, Biokhiz, Vol XXIV, No 2, 1959,
pp 349-352.

CH

Sci
Jan 60

105,980

FILED WITH RECORDING OF INTELLIGENCE ACTIVITY
D. F. Redemptively.

INSTRUMENT, per, Argentinean Delia, Vol. 10
No. 1, 1958, pp 14-16.

THIS COPY IS FOR

Del. 10

Det 60

1307-10

Uranium as a Fission. Material in Atomic Reactors,
by K. Stockland, H. C. Neeb.

NORWEGIAN, per, Forav Forskn Inst Arb, (3), 1950-
1951, pp 17-27.

TPA2/TIB Tr No 4055

*Scientific - Chemistry, uranium, fission, atomic,
reactors, nuclear physics*

Index Aeronauticus

see Navy Mar 53 CTS

Extraction of Uranium From Ore Concentrate, by
H. C. Neeb, K. Stokland, 13 pp. UNCLASSIFIED

Full translation.

NORWEGIAN, yearbook, Forsvarets Forskningsinstitutt,
Vol III, 1950 - 1951, pp 3-16.

NAVY Tr 724/CNI 1151

Norway - Norway

Economic - Mining, uranium ore concentrate

Scientific - Nuclear Physics, minerals

Mar 93 CRS/DEX

451

63-14128

I. Neesh, K. H.
H. Gebauer, W.

Neesh, K. H. and Gebauer, W.
FLAME-PHOTOMETRIC DETERMINATION OF
SMALL AMOUNTS OF POTASSIUM IN SODIUM AND
ITS COMPOUNDS AFTER ENRICHMENT WITH
AMMONIUM TETRAHYENYL BORON. 11 Jan 60, 10p.
(figs. omitted) 10 refs.
Order from SLA \$1.10 (63-14128

Trans. of Zeitschrift [für] Analytische Chem[ie]
(West Germany) 1958, v. 162, no. 3, p. 167-174.

DESCRIPTORS: *Potassium, Chemical analysis,
Flames, Photospectra, Sodium, *Sodium compounds,
Additives, *Ammonium compounds, Phenyl radicals,
*Boron compounds, Chemical precipitation, Tracer
studies.

(Chemistry--Analytical, TT, v. 10, no. 4)

Office of Technical Services

Use of a "Plasma-Burner" as a Spectro-Chemical
Excitation Source, by K. H. Neub, W. Gebauer, 7 pp.

GERMANY, par, Zeit Anal Chem, Vol ¹⁸¹ CXC, 1962, pp 92-97.

AND-Tr-5867

BISI 3943

Sci - Anal Sci

Aug 63

343650

7-
Critical Observation on Existing Determination Method
of Tripoly- And Pyrophosphate in Presence of One
Another, by Dr. W. Donald, assisted by H. Schmidt,
K. H. Neesb, 12 pp. UNCLASSIFIED.

GERMAN, per, Pette u Weifen, Vol LVI, 1954, pp 105-
108.

CIA/FDD/X-1484

Scientific - Chemistry

Nov 54 OTB/DEX

18, 447

83
Preparation of Very High-Specific Activity
24, by K. H. Noel,
FURNHAM, per. 1964, Vol VI, pp 320-322,
1964
AEC GENL-TT-690

K. H. Noel

Sch-2150T
Oct 56

200,510

Surface Anisotropy of Ferromagnetic Substances, by
L. R. D. 5 pp.

FRENCH, JOR, Comptes Rendus, Vol CCXXXVII, No 14,
1953, pp 1458-1460.

SLA 59-15521

Sci
Nov 59
Vol 2, No 3

101,530

Neel, Louis

SURFACE ANISOTROPY OF FERROMAGNETIC SUB-
STANCES. [1960] 960 words.
Order from LSA \$9.85

Trans. of Academie des Sciences, Paris. Comptes
Rendus (France) 1953, v. 237 [no. 14] p. 1468-1470.
Also available from SLA in \$1.80, pb \$1.80 as 59-15521
[1959] 5p.

(Physics--Magnetism, TT, v. 5, no. 1)

61-12125

1. Ferromagnetic materials--
Magnetic properties
- I. Neel, L.
- II. Literature Service Associ-
ates, Bound Brook, N. J.

Office of Technical Services

Magnetism: Superparamagnetism of Very Fine
Antiferromagnetic Grains, by J. Neel.
FRBSCU, per, Comptes Rendus, Vol 252, 1961,
pp 4075-4080.
(13)-68-505-FRLL - MIT/Lin Lab
Available from NTC

J. Neel

June 69

383,203

Neel, L.
THEORY OF THE MAGNETIC AFTER-EFFECT OF
MASSIVE SUBSTANCES IN THE DOMAIN OF
RAYLEIGH. [1960] 33p. (7 figs. omitted) 16 refs.
Order from SLA m\$3.00, ph\$6.30 61-10162

Trans. of Journal de Physique et le Radium (France)
1950, v. 11, no. 2, p. 49-61.

(Physics--Magnetism, TT. v. 5, no. 6)

61-10162

1. Ferromagnetic materials--
Magnetic properties
1. Neel, L.

Office of Technical Services

Theory of the Magnetic Lag Due to Diffusion,
by L. Neel, 67 pp.

FRENCH, per, J Phys Radium, Vol XIII, No 5,
May 1952, pp 249-264.

SLA Tr 57-1004

Sci - Electricity, physics 52,283

Sep 57

The Energy of Bloch Walls in Thin Layers, by L. Neel,
6 pp.

FRENCH, per, Compt Rend^{us}, Vol CXXLI, No 6, 8 Aug 1955,
pp 533-536.

SLA Tr 57-1358

58,186

Sci. - Electronics
Jan 58

Influence of the Subdivision Into Elementary
Domains on the Permeability at High Frequency
of Ferromagnetic Conductors, by L. Neel, 26 pp.

FRENCH, per, Ann Inst Fourier, Vol III, 1951,
pp 301-319.

SLA Tr 57-1190

Sci - Electricity, Physics

52, 282

Sep 57

Magnetic Properties of Ferrites, Ferromagnetism and Antiferromagnetism, by L. Neel, 46 pp.

FRENCH, per, Ann Phys, Vol III, Ser 12, 1948, pp 137-198.

Sci

Aug 58

SLA 57-3472

ATS-15044

60-10000

72, 73.2

Comments on the Theory of the Magnetic Prop-
erties of Thin Layers and Fine Grains, by
L. Neel, 18 pp.

FRENCH, per, J Phys et Radium, Vol XVII, No 3,
Mar 1956, pp 250-255.

SIA Tr 57-720

Sci - Electricity

50,615

Aug 57

Principles of a new General Theory of Coactive
Forces, by L. Noel, 29 pp.

FRANCE, per, Grenoble Université Ann., Vol XXII,
1946, pp 299-243.

S.I.A. Tr No 57-31

Sci - Physics
Apr 57

46,905

Louis Neel

A New Mode of Coupling Between the Magnetizations of
Two Thin Ferromagnetic Films, by Louis Neel, 7 pp.

GOVERNMENT USE ONLY

FRENCH, per, Compt Rend., No 255, 1962, pp 1676-1681.

ARM/PTC/HT-23-1241-71

Mar 72

Louis Neel.

Magnetism. Novel Method of Measuring the Energy of Bloch Walls, by Louis Neel, 7 pp.

GOVERNMENT USE ONLY

FRENCH, rpt, Magnetisme. Nouvelle Methode de Mesure de l'Energie des Parois de Bloch, Academie des Sciences, Meeting of April 16, 1962, pp 2891-2896.

ARM/PBTC/HT-23-1243-71

Jan. 72

Orientation Superstructures due to
Mechanical Deformation, by Louis Neel.

100

Reviews, Proc. Conf. Neel, Vol 238, 1954,
pp 305-308.

*NEEL CONF.

Louis Neel

Sci/ Technol Engr

Oct 69

Magnétisme; Calculation For Coercive Force
According to the Theories of Becker and
Kornstein, by Louis Neel, 4 pp.

EN NEEL, par, Comptes Rendus Academie des
Sciences, Vol CCXXIII, 1946, pp 141-142.

SLA 60-114322

Sci
Feb 62
Vol. XII, No 11

184.699

with 37 of activities and of Exclusions on the
Executive Order, by Louis Noel, 17 pp.

FRANCE, 1941, Gaboriau de Mouton, 10 11, 1941.

SEA 60-11328

801

170 52

Vol III, No 11

184, 197

Magnetism: A New General Theory For coercive
Force, by Louis Neel, 4 pp.

FRENCH, per, Comptes Rendus Academie des
Sciences, Vol CCXIII, 1946, pp 198-199.

SLA 60-14323

Skid
Feb 62
Vol. III, No 11

184.698

Some Properties of Walls of Elementary ~~XXXXX~~
Ferromagnetic Domains, by Louis Neel, 25 pp.

9
FINERMAN, per, Cahiers de Physique, No 25, 1944.

SLA 60-14319

S-1
Feb 62
Vol. III, No 11

184, 707

Néel, Louis.

MAGNETISM: INTERPRETATION OF MAGNETIC PROPERTIES OF DYSPROSIUM AND ERBIUM (Magnetisme: Interpretation des Proprietes Magnetiques du Dysprosium et de l'Erbium). [1961] [15p. (foreign text included) 12 refs.
Order from SLA \$1.60

61-20088

Trans. of [Academie des Sciences, Paris]. Comptes Rendus (France) 1956, v. 242, 4 Apr, p. 1824-1828 (pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Dysprosium, *Erbium, Rare earth elements, Magnetic properties, Temperature.

It is shown that the magnetic properties, particularly of dysprosium and erbium, at low temperature are probably due to a transition from a ferromagnetic to an anti-ferro-magnetic state under the influence of the (Physics--Magnetism, TT, v. 7, no. 1) (over)

61-20088

I. Néel, L.
II. Title: Interpretation ...

184241

Office of Technical Services

Neel, M. Louis.
SUPERPARAMAGNETISM OF THE VERY FINE ANTI-
FERROMAGNETIC GRAINS. [1961] 6p. 3 refs.
Order from SLA \$1.40 62-10344

Trans. from Academie des Sciences (Paris). Comptes
Rendus (France) 1961 [v. 252] no. 26 (pub. by Gauthier
Villars et Cie., Paris).

DESCRIPTORS: Grains (Metallurgy). *Magnetism.
Antiferromagnetism. Magnetic moments. Magnetic
susceptibility.

(Physics--Magnetism, TT, v. 7, no. 9)

62-10344

1. Title: Superparamagnetism
1. Neel, M. L.

205596

Office of Technical Services

Coupling Between Elementary Ferrumagnetic Domains,
by Louis Neel, 7 p.

FRENCH, par, Comptes Rendus Acad des Sci, 1958,
Vol CXXLVI, pp 2963-2968.

01A 59-20405

Sci.
Mar 60
Vol 2, No 12

109,249

On the Effect of Coupling Between Hysteretic
Paramagnetic Particles, by Louis Neel, 9 p.

FRENCH, par, Comptes Rendus Acad des Sci, 1958,
Vol. CCXLV, pp 2313-2320.

BIA 59-47406

Sci
Mar 50
Vol. 2, No 12

109,250

Remarks on the Theory of the Magnetic Properties
of Hard Materials, by Louis Neel, 9 p.

DUNCE, Applied Scientific Research. Section
B. 1953/1954, Vol IV, pp 13-24.

SLA 59-15078

Sci
Jan 60
Vol 2, No 6

103,738

Principles of a New General Theory of Con-
servative Forces, by L. Neal, 29 pp.

FRENCH, per, Ann Univ Grenoble, Vol XXII,
1946, pp 299-343.

Sci

Jul 58

~~SECRET~~ 571221

Class. Tech. Serv

68,336

62-10345

I. Neel, M. L.

Neel, M. Louis.
SUPERPOSITION OF THE ANTIFERROMAGNETISM
AND THE SUPERPARAMAGNETISM IN A VERY
FINE GRAIN. [1961] 4p. 1 ref.
Order from SLA \$1.10

62-10345

Trans. of Academie des Sciences (Paris). Comptes
Rendus (France) 1961 [v. 253] no. 1, p. 91-12 (pub. by
Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Antiferromagnetism, *Paramagnetism,
Magnetism, *Grains (Metallurgy), Magnetic fields,
Magnetic moments, Magnetic susceptibility.

201331

(Physics--Magnetism, TT. v. 7, no. 8)

Office of Technical Services

Neel, M. Louis.
SUPERANTIFERROMAGNETISM IN THE FINE
GRAINS. [1961] 5p. 5 refs.
Order from SLA \$1.10

62-10346

Trans. of Academie des Sciences [Paris]. ~~Comptes~~
Rendus (France) 1961 [v. 253] no. 2 [p. 203-206]
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Antiferromagnetism, Magnetism,
*Grains (Metallurgy), Thickness, Magnetic fields,
Magnetic moments, Magnetic susceptibility.

(Physics--Magnetism. TT. v. 7, no. 6)

62-10346

I. Neel, M. L.

201332

Office of Technical Services

Microflora of Burned Surface, by P. N. Kashkin,
E. G. Kashkina, B. M. Mints, N. S. Neelova, 22 pp.

Full translation.

RUSSIAN, no per, Khirurgiya, Vol IV, 1959, figs, 1-2;
pp 13-22.

CIA/FDD/X-727

USSR

Scientific - Medicine, microflora, Burned surfaces

Oct 52 CAS/DEX

A-4924

PLANNING METHODS, BY A. NE-EMAN, 7 PP.

HEBREW, NP, X 'AL HAMISHMAR, , 21 DEC 1962,
P 12.

JPRS 17917

ME - ISRAEL
ECON
MAR 63

224,399

Crystallographic Relationships in the Transformation
of Iron, by H. Kierfeld. UNCLASSIFIED.

UNMAN, per, Archiv Eisenhüttenwesen, Vol XXIII,
No 11, 12, 1952, pp 471-473.

Bratcher Tr No 3341

AE 014517

Metals

Scientific - Min/STEEL

17,368

67
Some New Views on the Basic Concept of Regu-
latory Mechanism, by K. von Neergaard,
38 pp.
GERMAN, per, Exptl. Med., Vol 66, 1929,
pp 373-394.
Dept of Navy/DAI 1204

Sci-DAI
Dept 68

363,964

K. von Neergaard

Input Circuits of Wide-Band Phase Meters, by V. P.
Kovrigin and A. P. Neznamov, p. 7

RUSSIAN, per, Izmeritel'naya Tekhnika, No 12, 1962,
pp. 29 - 32

ISA

Sol.

340.382

Aug 63

~~XXXXXXXXXX~~Contributions to the knowledge of the
Reaction Products in Autoclave Mixtures of Powdered
Quartz and Lime or Portland Cement, by H. Neesse.

GERMAN, per, Tonindustrie-Zeitung, Vol LXXXI, 1957,
pp 325-332.

NZDSIR/No 466

Sci
Jan 63

The Chemistry of Cyanogens and Isocyanogens, by J. U. Nef. ⁵³

GERMAN, per, Ann Chem, Vol 287, 1895,
pp 337-359.

NASA TT F-12,045

J. U. Nef

Sci-Chem
June 69

383,224

On Pathogenesis in Sheep Fox, by A. I. Nefed'ov,
4 pp.

RUSSIAN, no per, Veterinariya, Vol XXII, No 1,
Jan 1949, pp 32-33.

USDA

Scientific - Medicine

Oct 53 CTO

5709

Nefed'eva, A. I.
 SYSTEMATIC DECLINATION ERRORS OBTAINED
 FROM THE OBSERVATIONS OF M. A. G.ACHEV.
 10 Oct 63, 14p FTD-TT-62-959 (p. 165-178).

Order from GTS, S.A., or ETC \$28.50 in TT-64-13176
 (p. 165-178)

Unedited rough draft trans. from mono. Astrometri-
 cheskaya Konferentsiya SSSR (no. 14) Kiev,
 27-30 May 58. Trudy, Moscow, 1960. (Abstract
 available)

DESCRIPTIONS: *Astronomy, *Stars, Measurement,
 Errors

In the case of the meridian circle of Bagallard Ob-
 servatory, the combining of the observations for each
 position of the objective and ocular does not improve
 the declinations in a systematic way. Interchanging the
 ocular and objective does not eliminate instrument
 (Astronomy, TT, v. 11, no. 5)

TT-64-13176 (p. 165-178)

- I. Nefed'eva, A. I.
- II. SPENDRYE-42-959
- III. FTD-TT-62-959
 (p. 165-178)
- IV. Foreign Tech. Div.,
 Air Force Systems
 Command, Wright-
 Patterson AFB, Ohio

flexure. If there is a sufficient number of stellar observations in some fundamental catalog then observations may be reduced to this catalog by representing the differences between the declinations and the fundamental catalog in the form of certain mathematical expressions, as was done by T. A. Basmikhovich in processing M. A. Grachev's observations. In this work it was shown that reductions to a fundamental catalog can be accomplished more easily with the aid of graphs. The accuracy of one declination determination depends mainly on the accuracy of the circle and micrometer readings, on the accuracy of refraction calculations, and, to a lesser extent, on the method of observation. The differential method of processing observations, for all practical purposes, does not give improved results over the absolute method. (Author)

PS- TT-64-13176 (p. 165-178)

The Phage-Typing of *Staphylococcus*, by
N. P. Nefed'eva, 6 p.

RUBIN, per, Zhur Mikrobiol Epidemiol i
Immunobiolog, Vol XIX, No 2, 1959, pp 35-39.
pp

Sci
Jan 60

105,920

Decarbonisation When Manufacturing Cold
Rolled Transformer Steel, by Belyakov,
Meredov. UNCLASSIFIED

RUSSIAN, per, Stal, Mar 1953, p 248.

Co-op Tr Sch
Tr 939

Sol - Min/Mat
Aug

68,837

Battery Operated 1-V-1, by A. Hefedov, 10 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, no per, Radio, No 8, USSR, Aug 1951, pp 32-35.

AMC F-RI-7687 RE

SSR

Economic - Battery, operations, receivers
Scientific - Electronics, radio, receivers

AFSP

Dec 52 CTS/DEX
CIA 1007665

Elimination of Carbon from Cold-Rolled
Transformer Sheet During Processing, by
A. I. Belyakov, A. A. Mefedov.

RUSSIAN, per, Stal, Vol XVIII, 1958, pp
243.

Brutcher Tr 4201
\$1.60

Sci - Engr

Aug 58

68,198

Efficient Pass Design for Rolling Hexagonal Steel
Sections, by A. A. Mafedov, B. M. Ilyukovich, 3 pp.

RUSSIAN, per, Metallurg, No 3, 1958, pp 22, 23.

Consultants Bureau

Srl - Min/Mat

Doc 58

77,488

Nefed'ev, A. A.

ON THE WORK OF THE ASTROMETRY DEPARTMENT OF THE ENGELHARDT ASTRONOMICAL OBSERVATORY, DHC 55-MAY 58. 10 Oct 63 4p

FTD-TT-62-939 (p. 87-90).

Order from CTS, SLA, or ETC \$28.50 TT-64-13176 (p. 87-90)

Unedited rough draft trans. from mono. Astrometri-cheskaya Konferentsiya SSSR (no. 14) Kiev, 27-30 May 58. Tudy, Moscow, 1960.

DESCRIPTION: *Astronomy, Stars, Moon, Rotation, Extraterrestrial topography. Astronomical geodesics

(Astronomy, TT, v. 11, no. 5)

TT-64-13176 (p. 87-90)

I. Nefed'ev, A. A.

II. FTD-TT-62-939 (p. 87-90)

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Nefed'ev, A. A.
PHOTOGRAPHIC OBSERVATIONS OF THE MOON
WITH MARKOWITZ CAMERAS AT THE ENGEL-
HARDT OBSERVATORY. 10 Oct 63, 6p
FTD-TT-62-959 (p. 563-568)
Order from DTS, SEA, or BTC \$28.50 In TT-64-13176
(p. 563-568)

Unedited rough draft trans. from mono. Astrometri-
cheskaya Konferentsiya SSSR (no. 14) Kiev,
27-30 May 58. Trudy, Moscow, 1960.

DESCRIPTORS: *Moon, *Astronomical cameras,
*Photography, Astronomy,

(Astronomy, TT, v. 11, no. 5)

TT-64-13176 (p. 563-568)

- I. Nefed'ev, A. A.
- II. FTD-TT-62-959
(p. 563-568)
- III. Foreign Tech. Div.,
Air Force Systems
Command, Wright-
Patterson AFB, Ohio

Office of Technical Services

Calculation of the Durability of Rolls 57
with a Circular Groove, by
A. A. Refedov, Yu. S. Postol'nik.
MIRISIAN, per, Lit. VIZ-Chern. Int.
No 12, 1963, pp 118-123.
LITH 3066

A. A. Refedov

Sch/11/11
Sep 65

100, 5.10